

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of logging users of mobile terminals in to wide-area network (WAN) servers in a system for connecting users at wireless terminals to WAN servers via a wireless telephone network connected to a WAN gateway, comprising the steps of:

(a) determining in the gateway whether a particular user has previously logged in to a particular server of the WAN servers, wherein the gateway stores login information for a plurality of the WAN servers that the particular user has previously logged in to,

(b) and if the particular user has not previously logged in to the particular server:

(b1) storing in the gateway login information provided by the particular user for logging the particular user in to the particular server; and

(b2) forwarding the login information provided by the particular user to the particular server;

(c) and if the particular user has previously logged in to the particular server:

(c1) retrieving in the gateway stored login information provided by the particular user for logging the particular user in to the particular server; and

(c2) forwarding the retrieved login information to the particular server.

2. (original) The method of claim 1 wherein the WAN is the Internet.

3. (original) The method of claim 1, wherein after step (c1) and before step (c2) are the steps:

(c1A) forwarding the retrieved login information to the particular user's wireless terminal for possible modification by the user; and

(c1B) returning the retrieved login information from the wireless terminal to the gateway.

4. (original) The method of claim 1 wherein said login information comprises a user name and a password.

5. (original) The method of claim 1 wherein a user is identified according to a telephone number of said user's mobile terminal.

6. (original) The method of claim 2 wherein a server is identified according to its uniform resource locator (URL).

7. (currently amended) Apparatus for logging users of mobile terminals in to wide-area network (WAN) servers in a system for connecting users at wireless terminals to WAN servers via a wireless telephone network connected to a WAN gateway, comprising:

a data store in the gateway for storing, for each user, correlations of:

WAN servers to which the user has logged in; and

login information ~~with which the user has logged in to~~ for each server of the WAN servers to which the user has logged in,

first logic in the gateway for receiving ~~from a server a solicitation of a login information request~~ for a particular user server and for determining according to the data store whether the server is one of the WAN servers to which the user has previously logged in ~~to the server;~~

second logic in the gateway conditioned by the first logic for forwarding to the user the solicitation of login information, for receiving solicited login information from the user, and for storing the login information in the data store if the first logic has determined that the user has not previously logged in to the server;

third logic in the gateway conditioned by the first logic for retrieving login information from the data store if the first logic has determined that the user has previously logged in to the server; and

fourth logic in the gateway for forwarding the stored login information to the server.

8. (original) The apparatus of claim 7 wherein the WAN is the Internet.

9. (original) The apparatus of claim 7, wherein further:
the third logic forwards to the login information to the user for possible modification and accepts the login information back from the user regardless of whether modified.

10. (original) The apparatus of claim 9, wherein further the third logic stores login information in the data store if modified by the user.

11. (original) The apparatus of claim 7 wherein said login information comprises a user name and a password.

12. (original) The apparatus claim 7 wherein a user is identified according to a telephone number of said user's mobile terminal.

13. (original) The apparatus of claim 8 wherein a server is identified according to its uniform resource locator (URL).

14. (new) The method of claim 1 wherein said step (a) is performed in response to a login request received from the particular user for logging into the particular server.

15. (new) The method of claim 14 wherein the login request received from the user includes login information, wherein after step (c1) and before step (c2) are the steps:

(c1A) comparing the received login information to the stored login information; and

(c1B) storing the received login information if the stored login information is different than the received login information

16. (new) The method of claim 1 wherein step (a) is performed in response to receipt of a WML page at the gateway from the particular server, the WML page comprising a login page.

17. (new) The apparatus of claim 7 wherein said first logic receives said login request from the particular user.

18. (new) The apparatus of claim 17 wherein the login request includes login information, said third logic being operative for comparing the received login information and the stored login information if the stored login information is different than the received login information.

19. (new) The apparatus of claim 7 wherein said first logic receives said login request from the particular server.